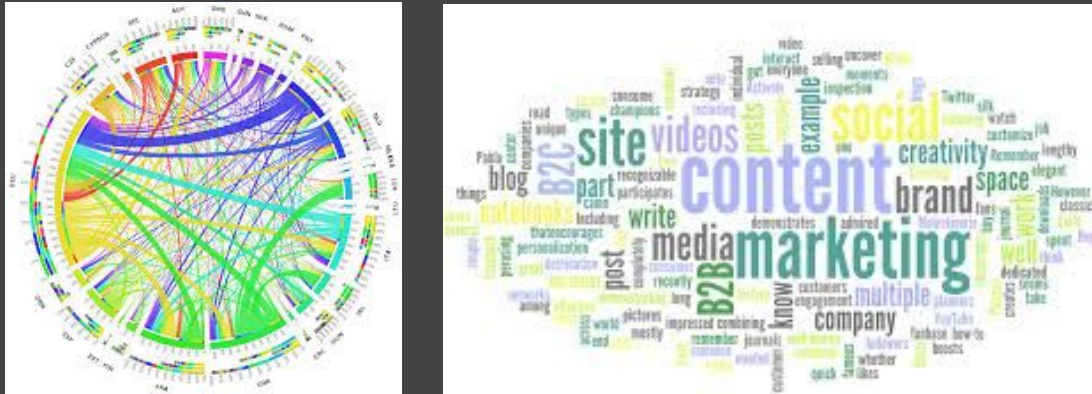# @futureCoders SE

nurturing coding talent through work experience

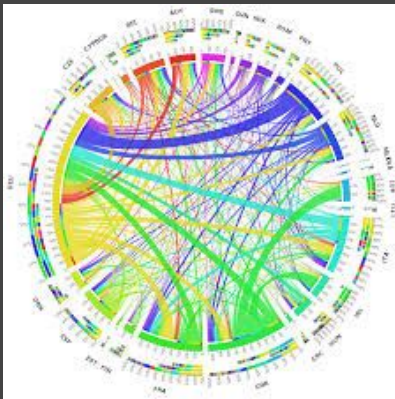## Beautiful data Coding Workshops

Learn to create beautiful diagrams from data at our workshops

This is for you if you:

- Are a beginner and want to learn some coding skills while making some amazing images.
- Already know some coding and would like to learn something new.

Dates: Wednesdays May 30th, June 6th, 13th, 20th, 27th and July 4th 2018

Times: 6pm to 8pm

Bring your own laptop. (we have a small number for loan if you need one)

Venue: Upstairs at Tolgate Coffee, 7 Tolgate Lane, Strood ME2 4TG

Cost: £12.50 per person per 2 hour workshop, £60 for full set of six workshops (paid in advance).

Group size: 6-10. **Suits ages** 14+

BOOKING ESSENTIAL - visit our website www.futurecoders.org.uk

Registered address: Dragon Coworking, 7-8 New Road Avenue, CHATHAM ME4 6BB
Company number: 10593417
Website: http://futurecoders.org.uk/

Contact: karen@futurecoders.org.uk　　　　**Phone: 07791769048**

Hour	Content
1	What is data? What does it look like? Where can we find it? Explore the web for Open APIs that provide data sets.
2	Open APIs - learn to make an HTML page with a javascript file attached and to get data from the web.
3	Make a word cloud on a HTML page.
4	Working with numerical data sets - list of numbers. Learn to write Javascript code to read through a set of numbers.
5	Working with Javascript arrays - learn how to find largest and smallest numbers in an array
6	Working with Javascript arrays - learn to sort an array
7	Working with Javascript arrays - copy data from one array to another
8	Working with Javascript arrays - , copy data from one array and store it in a different format in another array.
9	Create a chord diagram from a set of results data
10	Create a bubble chart from set of JSON data
11	Consolidation and individual project work - create your own chart from your favourite set of data
12	Consolidation and individual project work - create your own chart from your favourite set of data Share your diagrams with the rest of the group.

BOOKING ESSENTIAL - visit our website www.futurecoders.org.uk

This is an introductory course

Learn to code by making beautiful data visualisations

Contact: karen@futurecoders.org.uk   **Phone: 07791769048**